



**Trees for  
Climate Justice**

# We children plant around the world



















AUFKLEBER!

[www.bildwiese.de](http://www.bildwiese.de)





# Alpine Glacier



1948

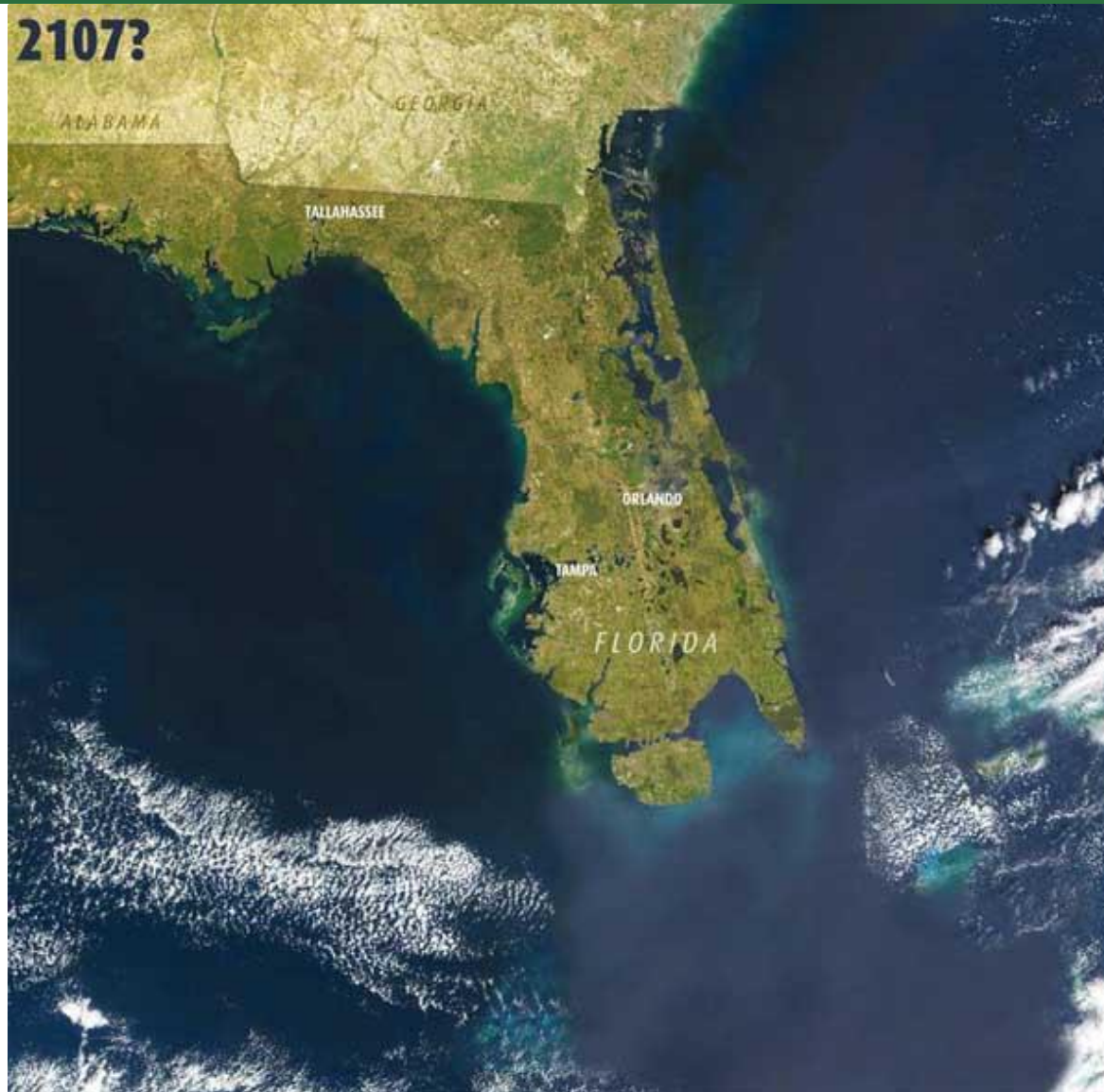


2002



2006

# Rise of the sea level

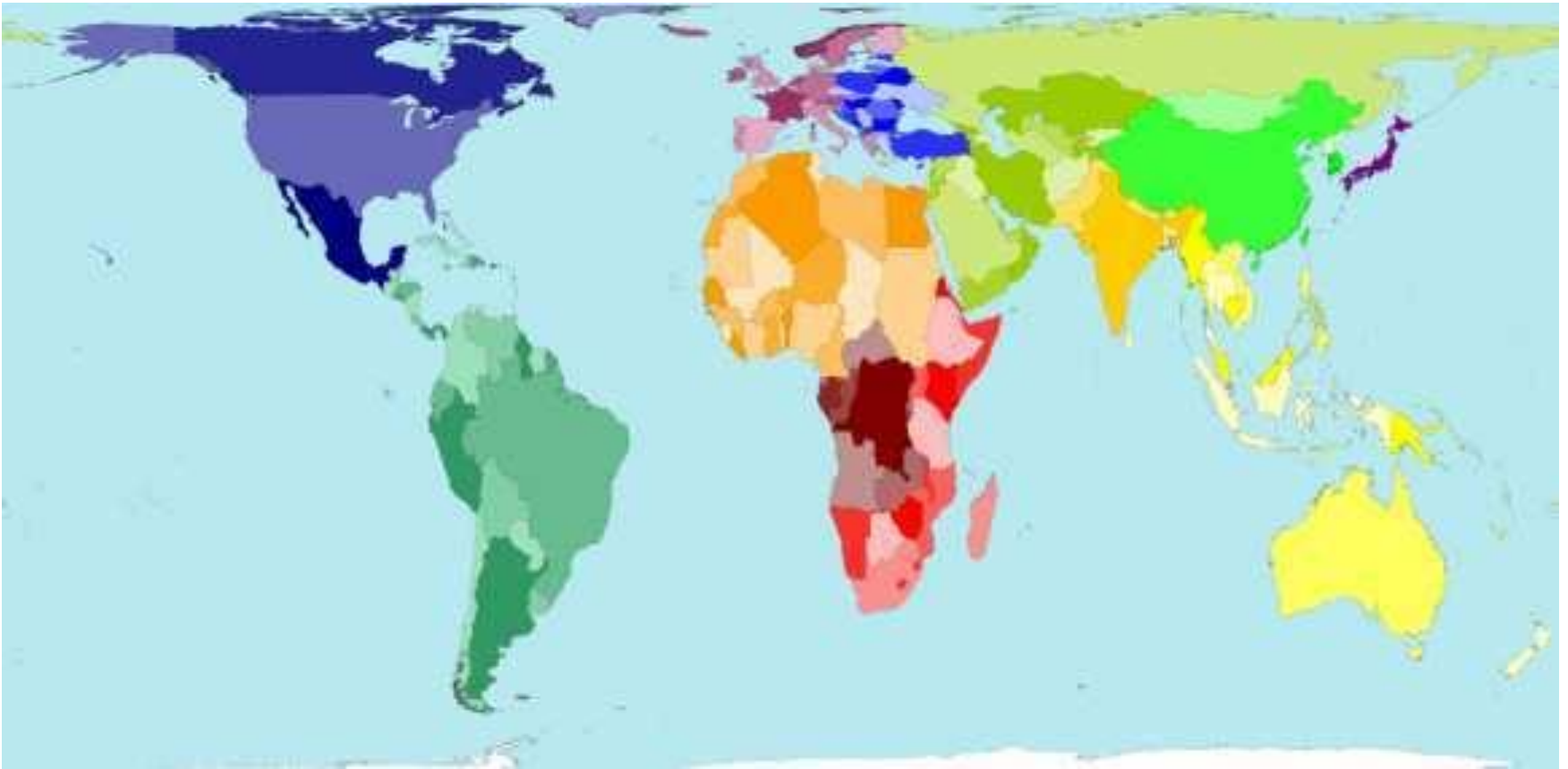




# Climate refugees

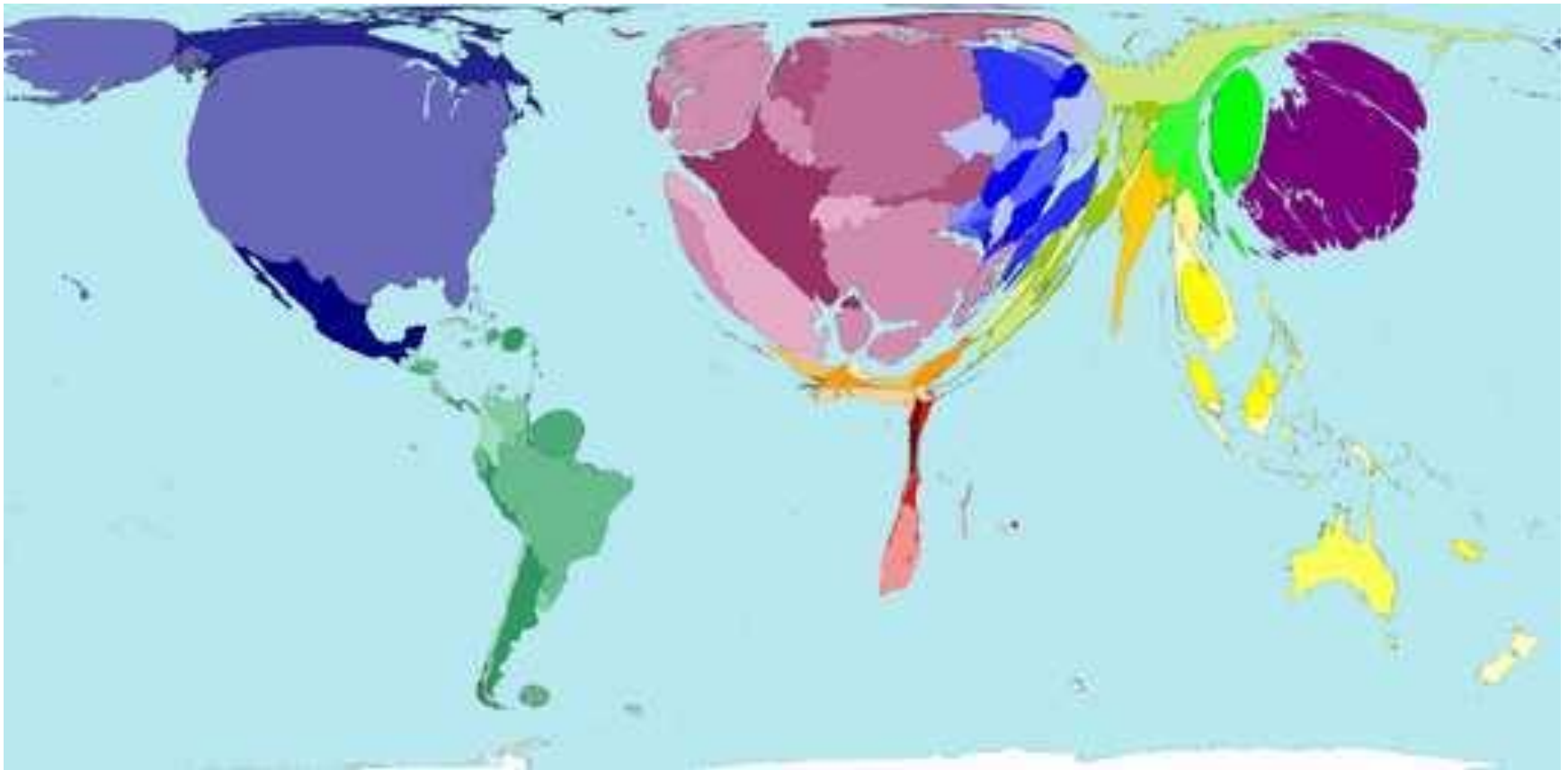


# The world in terms of land area...

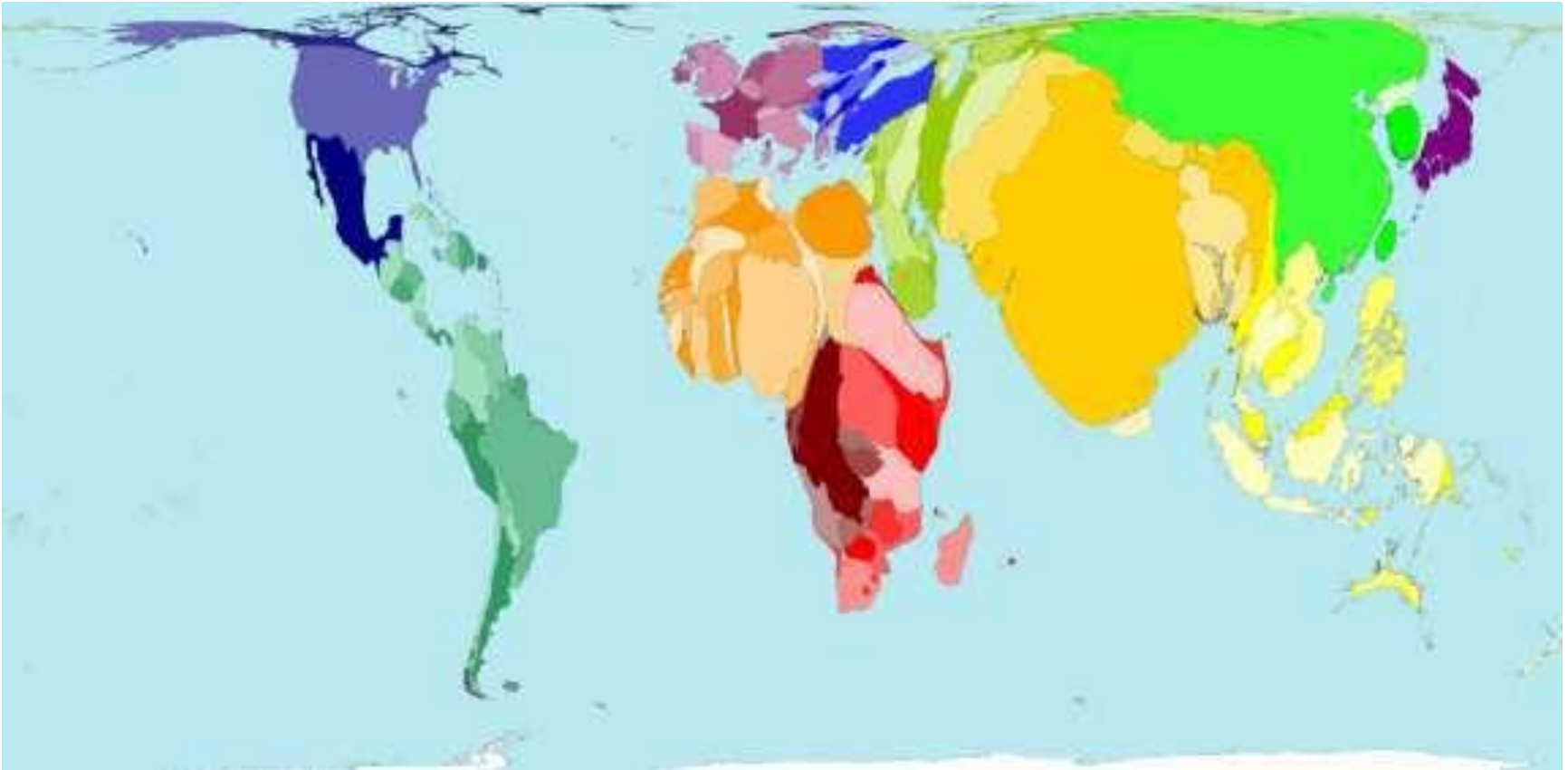




# The world in terms of autos...

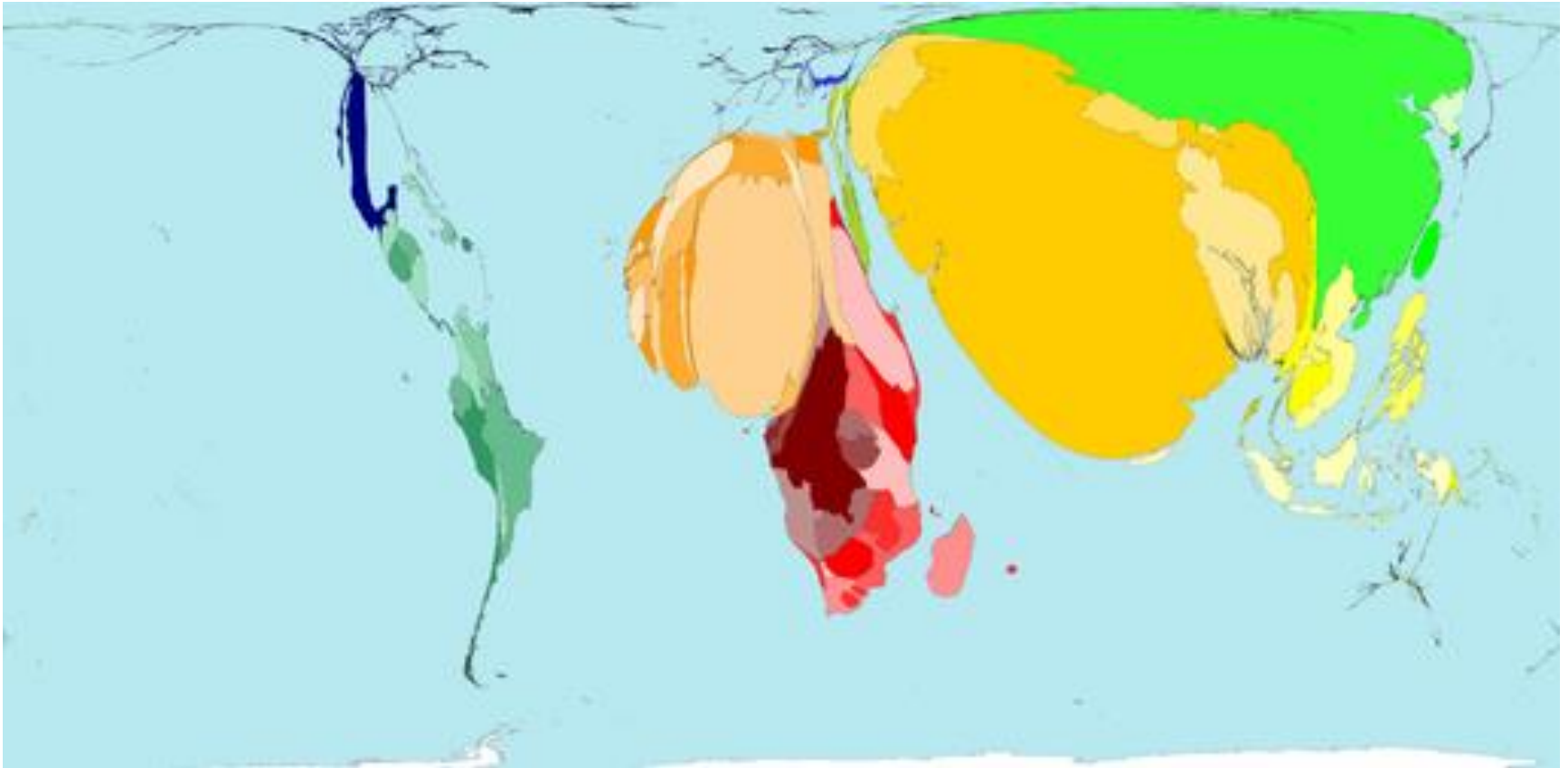


...in terms of population

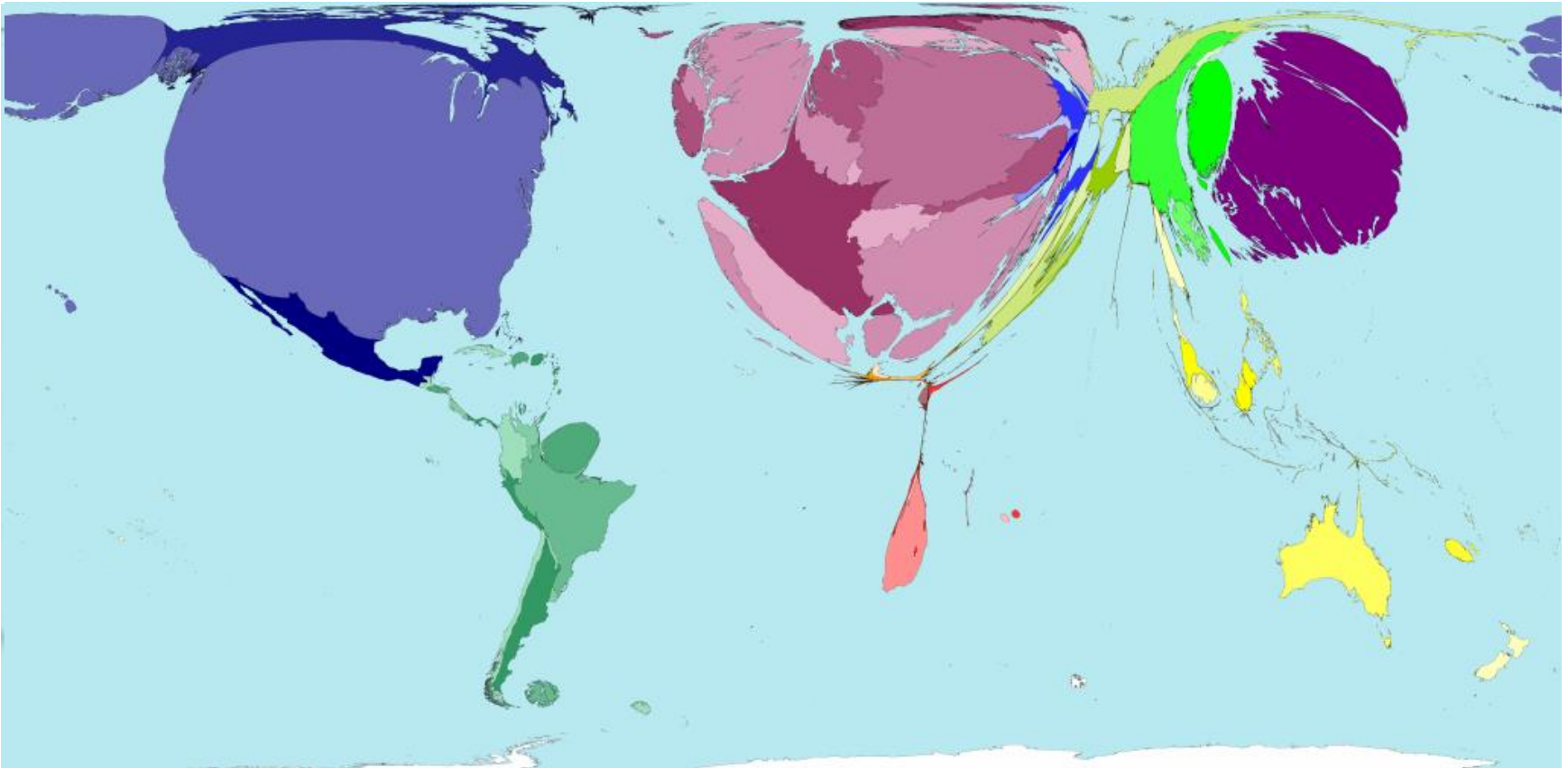




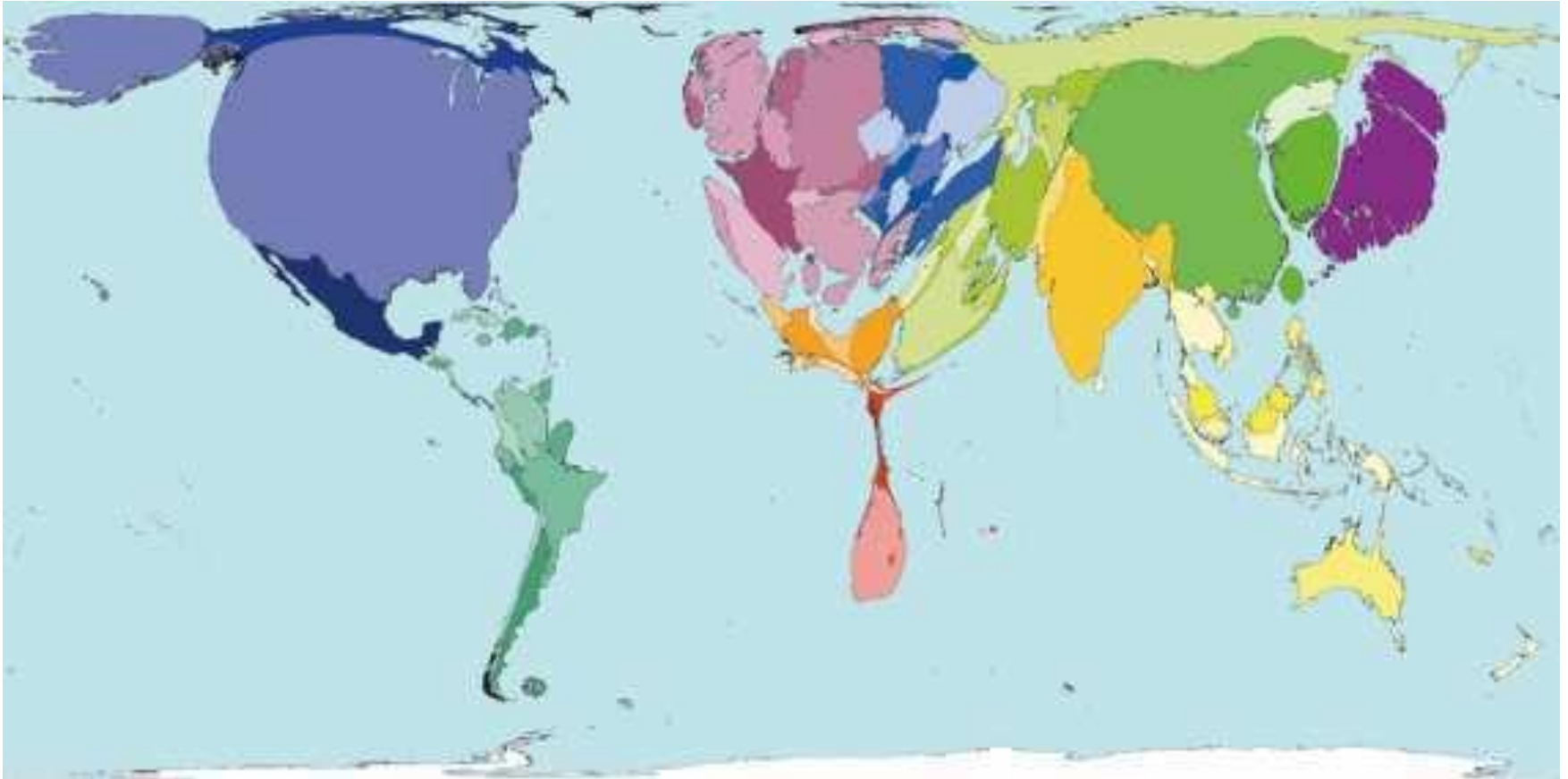
# People with < \$1 per day



# People with > \$100 per day



... in terms of CO<sub>2</sub> emissions





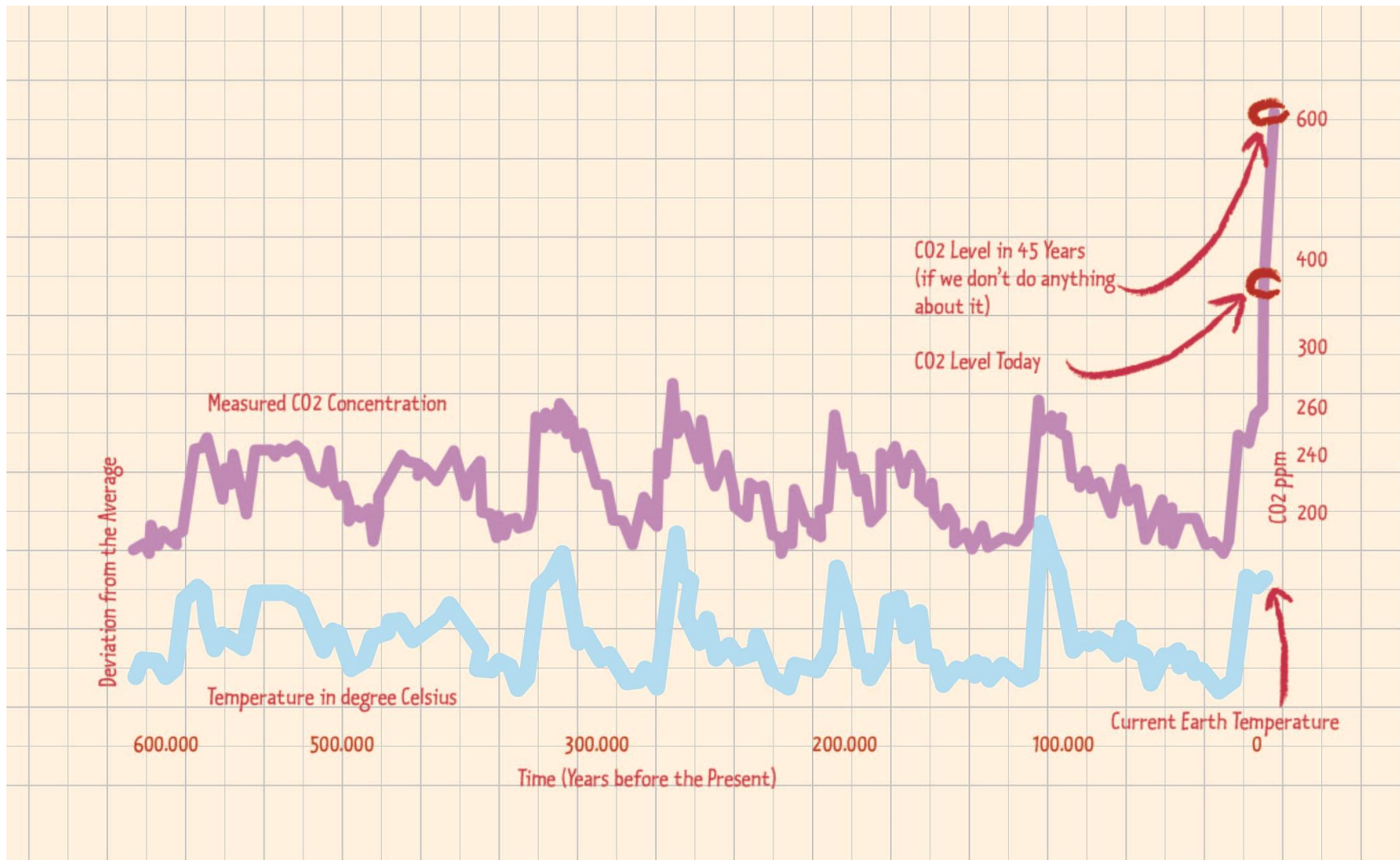
# Sources of Carbon Dioxide (CO<sub>2</sub>)

## Natural



## Human





**In the last 600,000 years the CO<sub>2</sub> concentration has never been as high as it is today**



20t

**America**




10t

**Europe**



6t

**China**




0,5t

**Africa**

Per Person CO<sub>2</sub> emissions per year




The number of tons that  
need to be cut:



18.5 t

1 American



8.5 t

1 European



4.5 t

1 Chinese



1 African

Reduction in CO<sub>2</sub> emissions needed  
to reach a maximum of 1.5 tons per person per year!



# Scientific Case for Avoiding Dangerous Climate Change to Protect Young People and Nature

James Hansen<sup>a,1,23</sup>, Pushker Kharecha<sup>a</sup>, Makiko Sato<sup>a</sup>, Frank Ackerman<sup>b</sup>, Paul J. Hearty<sup>c</sup>, Ove Hoegh-Guldberg<sup>d</sup>, Shi-Ling Hsu<sup>e</sup>, Fred Krueger<sup>f</sup>, Camille Parmesan<sup>g</sup>, Stefan Rahmstorf<sup>h</sup>, Johan Rockstrom<sup>i</sup>, Eelco J. Rohling<sup>j</sup>, Jeffrey Sachs<sup>k</sup>, Pete Smith<sup>l</sup>, Konrad Steffen<sup>m</sup>, Lise Van Susteren<sup>n</sup>, Karina von Schuckmann<sup>o</sup>, James C. Zachos<sup>p</sup>,

<sup>a</sup>NASA Goddard Institute for Space Studies and Columbia University Earth Institute, New York, NY 10025, <sup>b</sup>Stockholm Environment Institute-US Center, Tufts University, Medford, MA, <sup>c</sup>Department of Environmental Studies, University of North Carolina at Wilmington, NC, <sup>d</sup>Global Change Institute, University of Queensland, St.

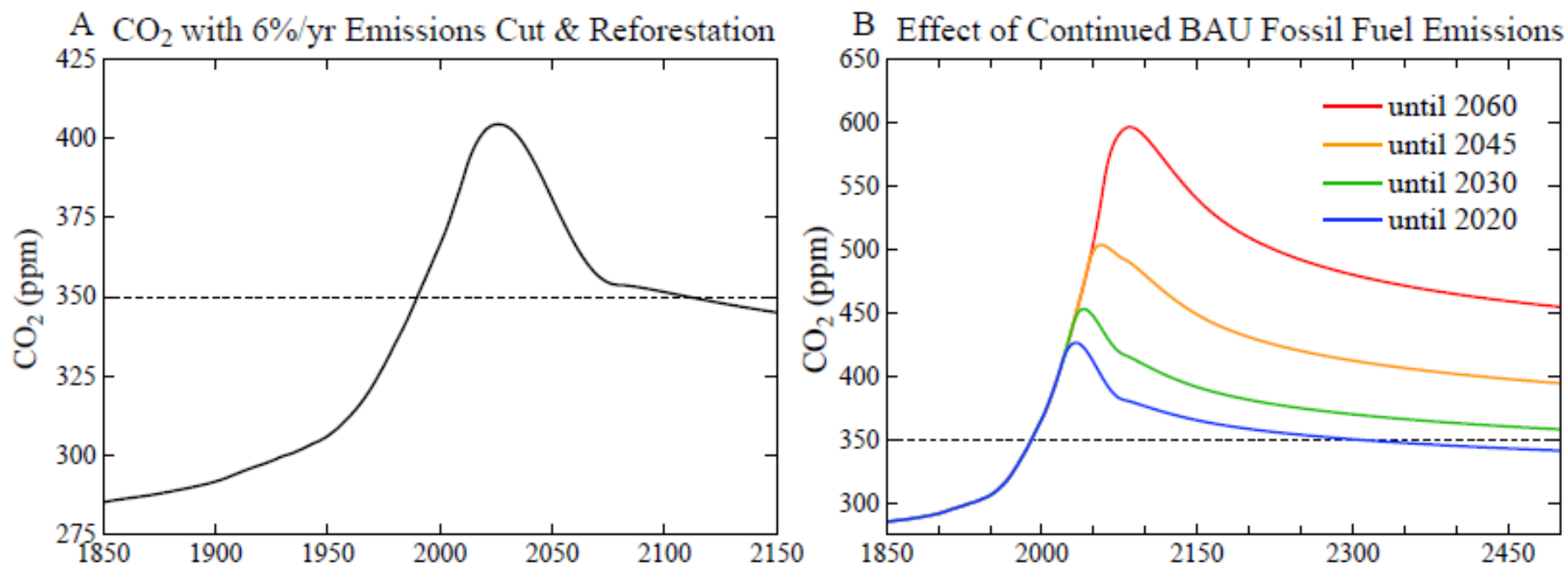
Lucia, Queensland, Australia, <sup>e</sup>Faculty of Law, University of British Columbia, Canada, <sup>f</sup>National Religious Coalition on Creation Care, Santa Rosa, CA 95407-6828, <sup>g</sup>Integrative Biology, University of Texas, Austin, TX, and Marine Institute, University of Plymouth, UK, <sup>h</sup>Potsdam Institute for Climate Impact Research, Germany, <sup>i</sup>Stockholm Resilience Center, Stockholm University, Sweden, <sup>j</sup>School of Ocean and Earth Science, University of Southampton, United Kingdom, <sup>k</sup>Columbia University Earth Institute, New York, NY 10027, <sup>l</sup>University of Aberdeen, United Kingdom, <sup>m</sup>Cooperative Institute for Research in Environmental Sciences, University of Colorado, <sup>n</sup>Advisory Board, Center for Health and Global Environment, Harvard Medical School, <sup>o</sup>Centre National de la Recherche Scientifique, LOCEAN, Paris (hosted by Ifremer, Brest), France, <sup>p</sup>Earth and Planetary Science, University of California at Santa Cruz

• **A 6%/year decrease of fossil fuel emissions beginning in 2013, with 100 GtC reforestation, achieves a CO<sub>2</sub> decline to 350 ppm near the end of this century**

Global warming due to human-made gases (mainly CO<sub>2</sub>) is already 0.8° C and deleterious climate impacts are growing worldwide. More warming is "in the pipeline" because Earth's out-of-energy balance with absorbed solar energy exceeding planetary heat radiation. Maintaining a climate that resembles the Holocene, the world of relatively stable climate and shorelines in which civilization developed, requires rapidly reducing fossil fuel CO<sub>2</sub> emissions. Such a scenario is economically manageable and has multiple benefits for humanity and other species. Yet fossil fuel extraction is expanding, including highly carbon-intensive sources that can push the climate system beyond tipping points such that amplifying feedbacks drive further climate change beyond humanity's control.

This situation raises profound moral issues in that young people, future generations, and nature, with no possibility of protecting their future well-being, will bear the principal consequences of actions and inactions of today's adults.

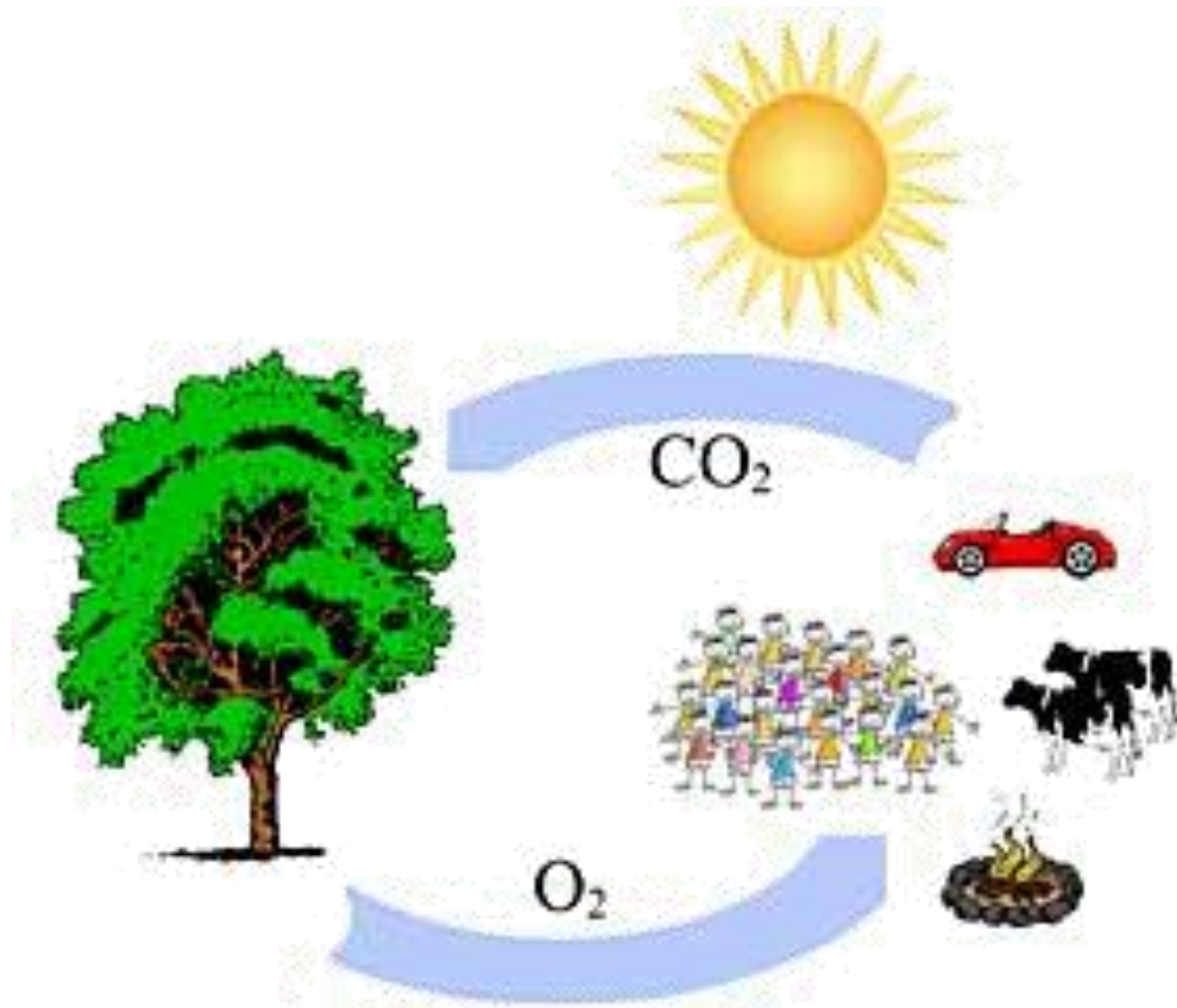
# The Plan vs. Business As Usual



- (A) Atmospheric CO<sub>2</sub> if fossil fuel emissions are cut 6%/year beginning in 2013 and 100 GtC reforestation drawdown occurs in 2031-2080,
- (B) effect of delaying onset of emissions reduction.



# Carbon dioxide (CO<sub>2</sub>) – cycle





**Trees for  
Climate Justice**

# Wangari Maathai

The little things people  
do have an impact.

Over time that will make  
the difference.

My little things are the  
trees I plant.



# The first tree on March 28, 2007, in front of the school in Starnberg



# The million tree promise to Achim Steiner, UNEP





# Children's conference in South Korea in August 2009 with the promise to plant one million trees in every country of the world







We Children plant worldwide...



# ...today in 193 countries







Children motivate children at  
Academies



# GOALS by 2020



1,000 Billion  
Trees



1 Million  
Ambassadors

150 Trees per Person on Earth

# PLANT FOR THE PLANET

## 3-Point-Plan

Leave the  
fossil fuels in  
the ground

Plant 1,000  
billion trees

Combat poverty  
with climate  
justice

2

1

3

# 3-Point-Plan of Plant-for-the-Planet

## 1. **Plant 1,000 billion trees.**

- As an additional carbon sink
- For an additional 10 billion tons of CO<sub>2</sub> per year

## **How much is 1,000 billion trees?**

- China alone planted approx. 2.7 billion trees in 2009
- The number of trees cut down in the last 100 years
- The amount if every person plants 150 trees
- The world is large enough for 1,000 billion new trees

**We children are already planting!**



# 3-Point-Plan of Plant-for-the-Planet

## 2. Leave the fossil fuels in the ground!

The technology for a CO<sub>2</sub>- free future already exists.

By 2050 at the latest, we must reduce our lifestyle-related CO<sub>2</sub> emissions to zero worldwide.

# 3-Point-Plan of Plant-for-the-Planet

## 3. Fight poverty with climate justice!

In order to limit further warming to the promised **2°C** only another 600 billion tons of CO<sub>2</sub> can be produced.

- $600 \div 40 = 15$

(600 billion tons of CO<sub>2</sub> divided by 40 years)

- $15 \div 10 = 1.5$

(15 billion tons of CO<sub>2</sub> divided by 10 billion people)

**Everyone gets the same:  
1.5 tons of CO<sub>2</sub> per person per year,  
whoever wants more must pay!**

Climate justice =  
a price on CO<sub>2</sub>





Climate justice =  
pay more to leave carbon in the ground



## STOP TALKING START PLANTING

President of the United States Barack Obama

President of the United States  
Barack Obama  
The White House  
1600 Pennsylvania Avenue NW  
Washington, DC 20503

Plant a tree for every  
carbon tonne  
of CO<sub>2</sub> that's captured  
from 2012 to 2020  
at 100 million trees  
per year  
to help offset the world's  
carbon emissions

July 1<sup>st</sup> 2012

Do you have plans to save our future?

For President Obama,

After the shocking results of Copenhagen we children want to avoid the same to happen in Cancun. Therefore we children made a global consultation, starting how we would solve the problems if we were the Heads of Governments. We started at a three point program

1. We have to bring carbon into the museum and go down to sink CO<sub>2</sub> emissions just 2000.
2. We have a limited amount of carbon dioxide left that we can exhaust within the next 43 years. That is 500 billion tons of CO<sub>2</sub>. We have to accept this. If we don't want to accept this, we have to go over the 2°C as you promised. 500 divided by 40 is 12 billion tons of CO<sub>2</sub> per year. Now we have to decide how we will distribute this among the world's population. For us children, there is only one answer: Everybody gets the same and that would be 1.5 tons CO<sub>2</sub> per person per year. We call this Climate Justice. Who wants more, pays. With Climate Justice we can also bring poverty into the museum.
3. Let's plant 500 billion trees! These trees will absorb additional 5 billion tons of CO<sub>2</sub> every year. 500 billion trees sounds like a huge amount, but it is possible as the Chinese planted 2.2 billion trees as contribution to the UNEP Billion Tree Campaign in 2008. If everybody plants as many trees as he or she is old in years, then we will also reach the 500 billion trees.

We children have had long discussions if we should follow the scientists or follow the climate skeptics - but then we ended up with one simple answer: If we follow the scientists and in 40 years we find out that they were wrong we did not make a mistake. But if we follow the skeptics and find out that they were wrong it is too late for our future. Do you have plans to save our future? We would like to receive an answer from you and your colleagues from all over the world by 30<sup>th</sup> of September 2012 as we children will meet in October to consult all solutions and topics. Let's work close together to prepare a positive outcome in Cancun!

Stop Talking, Start Planting:  
KNC reports

Elie Flurin, Forester, Stepping Karoline, Clara  
Pauline, Conner, Max

The Plant a Tree Project is supported by the Obama Foundation  
1600 Pennsylvania Avenue NW, Washington, DC 20503  
www.whitehouse.gov

Project funded by the Obama Foundation

# PLANT A TREE



PLAN  
FOR  
THE  
PLANET

**STOP TALKING  
START PLANTING**







Gisele Bündchen, model, along with the UNF, supports 11-year-old  
Pavel Pichler, who has pledged to plant a million trees in Germany.  
You too can join the quest for climate justice.  
Visit [www.planet-for-the-planet.org](http://www.planet-for-the-planet.org)



Gisele Bündchen, model



Bill McKibben, Co-Founder and Director, 350.org, along with the UN, supports 12-year-old Alice Fuzi Wang, who has pledged to plant a million trees in the USA. You too can join her quest for climate justice. Visit [www.planet-for-the-planet.org](http://www.planet-for-the-planet.org)

A photograph of Bill McKibben and Alice Fuzi Wang. Bill McKibben is on the right, wearing a grey blazer over a blue sweater and glasses, with his hand covering his mouth. Alice Fuzi Wang is on the left, wearing a white t-shirt and green pants, smiling and pointing her finger at Bill's mouth. The background is a plain, light-colored wall.

**STOP TALKING  
START PLANTING**

The logo for 'Plant for the Planet', featuring a stylized green tree with the text 'PLANT FOR THE PLANET' above it.

Bill McKibben, author, activist



Prince Albert II of Monaco



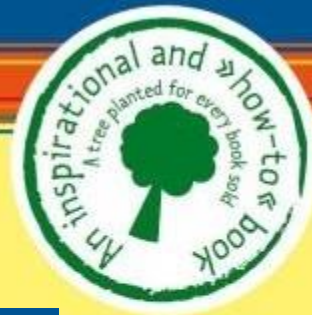
apl.de.ap, musician (Black Eyed Peas)







Felix & Friends



# TREE

Felix

ÁR  
por

Felix

AR  
per

Felix e

ÁRV  
por Á

Felix

AR  
après

Felix & Freunde



BAUM  
für BAUM

No

Ahora nosotros

Ora siamo noi

Agora, nós as crianças

Maintenant, nous

Jetzt retten wir Kinder die Welt

oekom



### Help to inspire children!

We children inspire other children and motivate them to become active. With your sponsorship, you can help us to increase the number of ambassadors from 15,000 to 1million by 2020.

Please support the training with a sponsorship!

1 2 3 4

### Who we are



### "Talking alone isn't going to stop the glaciers from melting!"

Become part of the worldwide children's initiative and become a Climate Justice Ambassador at a Plant-for-the-Planet Academy.

Together we inform other children and adults about the climate crisis and show what we can do in our fight for our future. We plant trees as a symbol for climate

justice, we give speeches and in our campaign "Stop talking. Start planting." we symbolically shut the adults up, to show that it's high time to act.

### DONATION OPTIONS

SPONSORSHIP

MEMBERSHIP

DONATE

AS COMPANY

### TREE-O-METER

12	610	638	146	▲	planted
13	811	498	815	●	pledged
14	000	000	000	◎	goal

### NEWSLETTER

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E-mail \*

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### NEWS



Little Carrot and Green  
Stop plant trees and



Academy at the IES  
Institute in the



85 New Ambassadors  
Plant 120 trees in

### NEWS

Little Carrot and Green

Academy

85 New Ambassadors

[www.Plant-for-the-planet.org](http://www.Plant-for-the-planet.org)



# What can you do?



# Our fair share of 1,000 billion trees

634,535 Seattle residents

x 150 trees per person = ??? Do the Math



95,180,250

trees by 2020



# Our fair share of 1,000 billion trees

Washington State  
6,897,000 people  
x 150 trees =

Washington's  
Billion Tree  
Campaign



1,034,550,000



1. Tell others about  
Plant-for-the-Planet
2. Give presentations
3. Plant trees
4. Form a club
5. Become a member

- 1 Send kids to Academies
- 2 Revisit Climate Action Plan
- 3 Vote FOR “best available science” in Seattle policies
- 4 FOR gas pump warnings

On your SPU Website:

Tree-planting Tally

“Round-up” to plant new trees!

Stop Deforestation— REDD

Community Meetings in every  
neighborhood



**STOP TALKING  
START PLANTING**

